

Please delete the paragraph beginning at page 19, line 19.

Please delete Equation 16 on page 20.

Please replace the paragraph following Equation 16 on page 20 with the following:

A14
If the loss is less than two percent, it is ignored. Server 14 does not output the efficiency to the user and does not perform steps 34, 36 and 38 (Fig. 2) at which it would recommend a remedial action. If the loss is greater than two percent, server 14 outputs an indication of the amount and an indication that the evaporator should be serviced.

Please replace Equation 17 on page 21 with the following:

A15
(15) $\text{ActualCostOfOperation} = (1 + (\text{TotalEfficiencyLoss})) * \text{TargetCostOfOperation}$

Please replace Equation 18 on page 21 with the following:

A16
(16) $\text{TotalCostOfEnergyLoss} = \text{ActualCostOfOperation} - \text{TargetCostOfOperation}$


REMARKS

The specification has been amended to delete extraneous matter discovered after the application was filed. No new matter has been added. An appendix to this Preliminary Amendment entitled "Version of Specification with Markings to Show Changes Made" is attached, with deleted text indicated by strike-through and added text indicated by underlining. Claims 1-44 as originally filed in the application remain pending. Applicant respectfully solicits an early examination of the application on the merits.

ATTORNEY DOCKET NO. 03237.0001U2
SERIAL NO. 10/034,785

No fee is believed to be due. Nevertheless, the Commissioner is hereby authorized to charge any fees that may be required, or to credit any overpayment, to Deposit Account No. 14-0629.

Respectfully submitted,
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX NON-FEE AMENDMENT Commissioner for Patents, Washington, D.C. 20231, on the date listed below.



Lawrence D. Maxwell

May 10, 2002

Date

VERSION OF SPECIFICATION WITH MARKINGS TO SHOW CHANGES MADE

The last paragraph on page 12 has been amended as follows:

Among the constant or fixed parameters that the user is requested to input at the time of registering for the service is OptimalCondenserApproach. This parameter represents the condenser approach recommended by the chiller manufacturer or otherwise (e.g., by empirical measurement) determined to be optimal. ~~Rather than input such a parameter, the user can opt at registration time to compute an EstimatedCondenserApproach based upon the age of the chiller. The user thus inputs the age of the chiller. For a chiller 1-10 years old, EstimatedCondenserApproach is set to a value of one; for a chiller 11-20 years old, EstimatedCondenserApproach is set to a value of two, and for a chiller more than 20 years old, EstimatedCondenserApproach is set to a value of five.~~

The paragraph beginning at page 13, line 9, has been amended as follows:

~~If the user opted to input an OptimalCondenserApproach, and if~~ If FullLoadCondenserApproach is less than OptimalCondenserApproach, there is no efficiency loss. If FullLoadCondenserApproach exceeds OptimalCondenserApproach, then the ApproachDifference between them is computed:

The paragraph beginning at page 13, line 16 with "If the user opted ..." has been deleted.

Equation 5 on page 13 has been deleted.

The paragraph beginning on page 13, line 24 has been amended as follows;

~~In either case, there~~ There is believed to be an efficiency loss of approximately two percent for every unit of ApproachDifference:

Equation 6 on page 13 has been renumbered as Equation 5.

Equation 7 on page 15 has been renumbered as Equation 6.

Equation 8 on page 15 has been renumbered as Equation 7.

Equation 9 on page 16 has been renumbered as Equation 8.

Equation 10 on page 16 has been renumbered as Equation 9.

Equation 11 on page 17 has been renumbered as Equation 10.

Equation 12 on page 17 has been renumbered as Equation 11.

Equation 13 on page 18 has been renumbered as Equation 12.

Equation 14 on page 19 has been renumbered as Equation 13.

Equation 15 on page 19 has been renumbered as Equation 14.

The paragraph beginning at page 19, line 19 with "The user can opt at registration ..." has been deleted.

Equation 16 on page 20 has been deleted.

The paragraph following Equation 16 on page 20 has been amended as follows:

~~In either case (i.e., Equations 15 or 16) if~~ If the loss is less than two percent, it is ignored. Server 14 does not output the efficiency to the user and does not perform steps 34, 36 and 38 (Fig. 2) at which it would recommend a remedial action. If the loss is greater than two percent, server 14 outputs an indication of the amount and an indication that the evaporator should be serviced.

Equation 17 on page 21 has been renumbered as Equation 15.

Equation 18 on page 21 has been renumbered as Equation 16.